

Title (en)

POSITIONING DEVICES AND METHODS IN CELLULAR COMMUNICATION SYSTEMS

Title (de)

POSITIONIERUNGSVORRICHTUNGEN UND -VERFAHREN IN ZELLULAREN KOMMUNIKATIONSSYSTEMEN

Title (fr)

DISPOSITIFS ET PROCÉDÉS DE POSITIONNEMENT DANS DES SYSTÈMES DE COMMUNICATION CELLULAIRES

Publication

EP 2679061 A4 20170329 (EN)

Application

EP 11859427 A 20111025

Priority

- US 201161445119 P 20110222
- SE 2011051263 W 20111025

Abstract (en)

[origin: US2012214512A1] A method, performed in a positioning node, for performing uplink positioning comprises receiving (210) of a request for uplink positioning of a user equipment. Information about carrier capabilities for uplink positioning measurements for carriers used in a serving cell of the user equipment is obtained (220). The method further comprises deciding (230) of which carrier to be used for uplink positioning measurements, based at least on the information about carrier capabilities. An uplink positioning measurement request for the user equipment using the carrier decided to be used for uplink positioning measurements is transmitted (250). Data representing said requested uplink positioning measurements is received (252). Complementing methods of cooperating network nodes are also disclosed as well as arrangements of the nodes.

IPC 8 full level

G01S 5/00 (2006.01); **G01S 5/02** (2010.01); **H04W 64/00** (2009.01)

CPC (source: EP US)

G01S 5/011 (2020.05 - EP US); **G01S 5/0205** (2013.01 - EP US); **G01S 5/06** (2013.01 - EP US); **H04W 64/00** (2013.01 - EP US); **H04W 8/22** (2013.01 - EP US); **H04W 24/10** (2013.01 - EP US); **H04W 28/04** (2013.01 - EP US)

Citation (search report)

- [E] EP 2676152 A1 20131225 - ERICSSON TELEFON AB L M [SE]
- [A] WO 2007013850 A2 20070201 - ERICSSON TELEFON AB L M [SE], et al
- See references of WO 2012115557A1

Cited by

CN109031196A; CN107431910A; WO2022081068A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2012214512 A1 20120823; **US 9451575 B2 20160920**; EP 2679061 A1 20140101; EP 2679061 A4 20170329; EP 2679061 B1 20191218; WO 2012115557 A1 20120830

DOCDB simple family (application)

US 201113321211 A 20111025; EP 11859427 A 20111025; SE 2011051263 W 20111025